DOVE.

SPECULUM ANNI
OR AN
ALMANACK

For the Year of our

LORD GOD

1687.

Being the third after Bissextile, or Leap-year, and from the worlds Creation 5690.

Wherein is contained the principal Aspects of the Planets, Eclipses, Terms, both at *London* and *Cambridge*, Inclination of the Air, with other things of note.

Calculated properly for the famous University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 12 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1687.

The vulgar Notes and moveable Feasts for this Year 1687. in both Accounts, *viz.*

Julian or *English.*			*Gregorian* or Foreign.
16		The Golden Number	16
B		The Dominical Letter	E
26		The Epact	16
16		The Cycle of the Sun	16
Feb.	6	Shrove-sunday	Febr. 9
March	27	Easter-day	March 30
May	5	Ascension-day	May 8
May	15	Whitsunday	May 18
Novemb.	27	Advent-sunday	Novemb. 30

A Table of the Terms with their Returns.

Hilary Term begins January 24. and ends February 12. and hath 4 returns, *viz.*

- Octab. Hilar. Jan. 30
- Quind. Hilar. Jan. 31
- Craft. Purif. Febr. 5
- Octab. Purif. Febr. 9

Easter Term begins April 13. ends May 9. and hath 5 returns, *viz.*

- Quind. Pasch. April 11
- Tres Pasch. April 19
- Mens. Pasch. April 26
- Quinq. Pasch. May 2
- Craft. Ascen. May 6

Trinity Term begins May 27. and ends June 15, and hath 4 returns, *viz.*

- Craft. Trin. May 13
- Octab. Trin. May 30
- Quind. Trin. June 6
- Tres Trin. June 13

Michaelmas Term begins October 24, ends November 28, and hath 6 returns, *viz.*

- Tres Mich. Octob. 20
- Mens. Mich. Octob. 27
- Craft. anim. Nov. 3
- Craft. Mart. Nov. 12
- Octab. Mart. Nov. 18
- Quind. Mart. Nov. 25

The

The Scarlet days in the Univerſity of *Cambridge*, are as followeth.

All Saints, Chriſtmas, Eaſter, Aſcenſion, Whitſunday,
Trinity-ſunday, Commencement, and the 29 of May;
At the two Faits proclaiming in June and September,
The Feaſt of Saint Michael, and the 5 of November,

To Funerals, Clerums and Supplications,
All Doctors go as to Congregations;

That is in their Robes.

MArriage comes in on the 13 day of *January*, and at Septuageſima Sunday it is out again until Lowſunday; at which time it comes in again, & goes not out till Rogation-ſunday: thence it is forbidden until Trinity-ſunday: from whence it is unforbidden till Advent-ſunday: but then it goes out, and comes not in again till the 13 day of *January* next following.

The Names, and Characters of the 12 Signs, with the parts of mans Body which they are ſaid to govern.

♈ Aries Head and Face	♎ Libra Reins & Loyns
♉ Taurus neck and Throat	♏ Scorpio Secret members.
♊ Gemini Armes & Shoul.	♐ Sagitarius the Thighs.
♋ Cancer Breaſt & Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs.
♍ Virgo Bowels and Belly	♓ Piſces the Feet.

☞ Note that the bright Planet *Venus*, will be our glorious Morning Star, till the 24 day of *January*, and then making her Conjunction with the Sun, She becomes Occidental, and our glorious Evening Star till the 8 day of *November*, and then again meeting with the Sun, She becomes Oriental, and our bright Morning Star to the end of the year.

A brief Concordance of Years with some memorable things since the beginning of the Reign of Queen *Elizabeth*

Anno Dom.	*An. Re.*	since	
1558	1	129	A Parliament called.
1559	2	128	Monasteries suppressed.
1560	3	127	Wars with *Scots* and *French*.
1561	4	126	*Paul's* Church-steeple burnt.
1562	5	125	Tempest and Earthquake.
1563	6	124	20000 die of the Plague in *London*.
1564	7	123	*Thames* frozen.
1565	8	122	Peace with *France*.
1566	9	121	King *James* born.
1567	10	120	Royal Exchange finished.
1568	11	119	A dry Summer.
1569	12	118	Rebellion in the North.
1570	13	117	Wars with *Scotland*.
1571	14	116	Earthquake in *Herefordshire*.
1572	15	115	Massacre in *France*.
1573	16	114	Earl of *Essex* goes to *Ireland*.
1574	17	113	Counterfit Spirits punished.
1575	18	112	An Earthquake.
1576	19	111	*Forbisher's* North Voyage.
1577	20	110	Infection at *Oxford* Assizes.
1578	21	109	A great Snow.
1579	22	108	A curious Lock Smith.
1580	23	107	Great Earthquake and Blazing Star.
1581	24	106	Three *Jesuits* executed.
1582	25	105	New Calendar began.
1583	26	104	Earthquake in *Dorsetshire*.
1584	27	103	*Nantwich* burnt.
1585	28	102	Tobacco first used in *England*.
1586	29	101	Ludgate new built.
1587	30	100	Blackwell Hall new built.

Spain's

1588	31	99	*Spain*'s Armado overthrown.
1589	32	98	Duke of *Guiſe* murthered.
1590	33	97	Blaſphemous *Hacket* hanged.
1591	34	96	*Eaſt-India* Company began.
1592	35	95	The *Thames* almoſt dry.
1593	36	94	10636 died of the Plague in *London*.
1594	37	93	Great Tempeſt.
1595	38	92	Scarcity of Corn.
1596	39	91	Earl of *Eſſex* takes *Cadiz* in *Spain*.
1597	40	90	Wheat 13 ſhillings a Buſhel.
1598	41	89	Great Tempeſts and Froſt.
1599	42	88	Earl of *Eſſex* goes to *Ireland*.
1600	43	87	Embaſſadors from *Ruſſia* and *Barbary*.
1601	44	86	Earl of *Eſſex* beheaded.
1602	45	85	Queen *Elizabeth* dieth at *Richmond*.
1602			K. *James* I. began *March* 24. 1602.
1603	1	84	30578 die of the Plague in *London*.
1604	2	83	Peace with *Spain*.
1605	3	82	Powder Plot.
1606	4	81	King of *Denmark* came to *England*.
1607	5	80	Moore-fields beautified.
1608	6	79	Oath of Allegiance.
1609	7	78	New Exchange in the Strand.
1610	8	77	King of *France* murthered.
1611	9	76	*Bartholomew Legat* an Arian burnt.
1612	10	75	Lady *Eliz.* married. Prince *Henry* dies
1613	11	74	Artillery Company revived.
1614	12	73	*Middleton*'s Water.
1615	13	72	Smithfield paved.
1616	14	71	*Charles* created Prince of *Wales*.
1617	15	70	*Haidock* the ſleeping Preacher.
1618	16	69	Sr *Walter Rawleigh* decollated.
1619	17	68	Queen *Anne* dies.
1620	18	67	King of *Bohemia* overthrown.
1621	19	66	*Philip* 3 K. of *Spain* dies, *Phil.* 4. ſucc.

1622	20	65	Prince *Charles* goes into *Spain.*
1623	21	64	Black Friers downfall.
1624	22	63	The Bloudy Cruelty at *Amboyna.*
1625	K. *Char.*		I. beg. *Mar.* 27. 54265. die. Pl. 35417.
1626	2	61	War with *Spain* and *France.*
1627	3	60	Isle of *Rhees* Voyage.
1628	4	59	Duke of *Buckingham* stabb'd.
1629	5	58	*New England* planted.
1630	6	57	King *Charles* II. born.
1631	7	56	Battle at *L. Tilly* slain.
1632	8	55	*London* Bridge burnt.
1633	9	54	*James* II. born *Octob.* 14.
1634	10	53	Ship Money first Taxed.
1635	11	52	Old *Parr* died aged 160.
1636	12	51	*Dutch* take the *Spanish* Silver Fleet.
1637	13	50	English Liturgy sent into *Scotland.*
1638	14	49	The *Scots* National Covenant.
1639	15	48	*Dutch* beat the *Spaniards* at *Dover.*
1640	16	47	The long Parliament began *Nov.* 3.
1641	17	46	The Earl of *Strafford* beheaded.
1642	18	45	*Edge Hill* Fight.
1643	19	44	*Newberry* first Fight.
1644	20	43	*Newberry* second Fight.
1645	21	42	Arch-Bishop of *Canterbury* beheaded.
1646	22	41	Lord *Fairfax* takes *Oxford.*
1647	23	40	King taken by Parliament and Army.
1648	24	39	King traiterously beheaded. K. *Charles* the Second begins *Jan.* 30.
1649	1	38	Powder-blow in Tower-street.
1650	2	37	King *Charles* II. Crowned in *Scotland.*
1651	3	36	*Worcester* Fight. *Love* beheaded.
1652	4	35	Wars with *Holland.*
1653	5	34	Old and New Parliament dissolved.
1654	6	33	Peace with *Holland.*

1655	7	32	Wars with *Spain*.
1656	8	31	Two Tides in 3 hours, Octob. 3.
1657	9	30	*Mardike* taken by the *Engliſh* & *French*.
1658	10	29	*Cromwell* died.
1659	11	28	Sr *George Booth*, & Gen. *Monk* for the King
1660	12	27	King *Charles* II. joyfully reſtored.
1661	13	26	King *Charles* II. Crowned, April 23.
1662	14	25	Married to Queen *Katherine*.
1663	15	24	King and Queen at *Windſor*.
1664	16	23	Three blazing Stars ſeen.
1665	17	22	97351 die, of the Plague 68586.
1666	18	21	13200 Houſes burnt in *London*.
1667	19	20	The *Dutch* Hoſtile Treaty.
1667	19	20	E. of *Clarindon* baniſh. *Abr. Cowley* died.
1669	21	18	Prince of *Tuſcany* arrived in *England*.
1670	22	17	Dutcheſs of *Orleance* dies.
1671	23	16	Dutch. of *York* & E. of *Munthcſter* died.
1672	24	15	War proclaimed with *Holland* by *Engliſh* and *French*. Earl of *Sandwich* ſlain.
1673	25	14	Sr *Edward Spragg* ſlain at Sea.
1676	28	11	600 Houſes burnt in *Southwark*.
1677	29	10	Prince of *Orange* married to the L. *Mary*.
1678	30	9	Sr *Edmund-Bury Godfry* murdered.
1680	32	7	A great Comet.
1682	34	5	Another Comet.
1684	36	3	A great 13 weeks froſt, with a Fair kept upon the frozen *Thames*.
1685	K. *James*		the II. began *Febr.* 6. The King and
	1	2	Queen Crowned *April* 23.
	1	2	*Monmouth* Landed at *Lime*. June 11.
	1	2	*Monmouth* defeated near *Bridgew.* Jul. 6.
	1	2	*Monmouth* beheaded, *July* 15.

New moon the 3 day, 56 min. past 7 at night.
First quarter the 10 day, 25 min. past noon.
Full moon the 18 day, 28 min. past noon.
Last quarter the 26 day, 29 min. past 1 after noon.

1	a	Circumcision	21	37	Sagit.	18	Fine mild
2	b	2 after Christ.	22	39	Capr.	3	✶ ☉ ♂.
3	c	Octab. John.	23	40		18	weather at
4	d	Octab. Innoc.	24	41	Aquar.	4	the begin-
5	e	Simeon	25	42		19	ning.
6	f	Epiphany	26	43	Pisces	4	☌ ☿ ☿.
7	g	Julian	27	44		19	☽ Perigæon.
8	a	Lucian	28	46	Aries	3	
9	b	1 aft. Epiph.	29	47		17	
10	c	Sun in Aquar.	0 ♒	48	Taur.	0	✶ ♂ ♀.
11	d	Hyginus	1	49		13	
12	e	Archadius	2	50		25	☽ ☊.
13	f	Hilary Bish.	3	51	Gem.	8	About the
14	g	Felix	4	52		20	middle of
15	a	Maurice B.	5	53	Canc.	2	the month
16	b	2 aft. Epiph.	6	54		14	cold frost
17	c	Anthony	7	55		26	and snow.
18	d	Prisca	8	56	Leo	8	☽ Apogæon
19	e	Wolstan	9	57		20	
20	f	Octab. Hilar.	10	58	Virgo	2	
21	g	Agnes	11	59		14	△ ☉ ♄.
22	a	Vincent	13	0		26	△ ♄ ♀.
23	b	Septuagesima	14	1	Libra	8	
24	c	Term begins	15	2		20	Cold & wet
25	d	Conv. S. Paul	16	3	Scorp.	3	towards the
26	e	Polycarpus	17	3		16	end.
27	f	Quind. Hilar.	18	4		29	
28	g	Valerius	19	5	Sagit.	13	✶ ☉ ♆.
29	a	Theodote	20	6		27	
30	b	K. Charles mart.	21	6	Capr.	12	Septuagesima
31	c	Saturnine	22	7		27	

Keen frosts have chained up the Streams, and now
A snowy beard is worn by ev'ry Bough:
In silver gray cold Winter clothes the ground:
And chattering teeth our useless tongues confound.

January 1687.

		Sun-rising.		Sun-setting.	
1	8	4	3	56	
2	8	3	3	57	
3	8	2	3	58	
4	8	0	4	0	
5	7	59	4	1	
6	7	58	4	2	
7	7	57	4	3	
8	7	55	4	5	
9	7	54	4	6	
10	7	52	4	8	
11	7	51	4	9	
12	7	50	4	10	
13	7	48	4	12	*Cambridge* Term begins the 13 day.
14	7	47	4	13	
15	7	46	4	14	
16	7	45	4	15	
17	7	44	4	16	
18	7	42	4	18	
19	7	40	4	20	
20	7	38	4	22	
21	7	36	4	24	
22	7	34	4	26	
23	7	32	4	28	
24	7	30	4	30	
25	7	28	4	32	
26	7	26	4	34	
27	7	24	4	36	
28	7	22	4	38	
29	7	20	4	40	
30	7	18	4	42	
31	7	16	4	44	

February hath xxviii days.

New moon the 2 day, 14 min. past 6 in the morn.
First quarter the 9 day, 39 min. past mid night.
Full moon the 17 day, 27 min. past 7 in the morning.
Last quarter the 25 day, at 2 in the morning.

Kl.	Ep.	Festival days with terms.	☉ place d.	m.	Moons place.		Inclination of the Air.
1	d	Bridget fast	23	8	Aquar.	12	☌ ♄ ♂.
2	e	Purification	24	8		27	☽ Perigæon.
3	f	Craft. Purif.	25	9	Pisces	12	Cold & frosty
4	g	Veronica	26	10		27	with snow.
5	a	Agatha	27	10	Aries	12	
6	b	Shrove Sund.	28	11		26	K. James's day
7	c	Zachary	29	11	Taur.	9	
8	d	Shrovetuesd.	0 ♓	12		22	☽ ☊.
9	e	Ash wednesd.	1	12	Gem.	5	
10	f	Scholastica	2	13		17	
11	g	Euphrosina	3	13		29	Very season-
12	a	Term ends	4	14	Canc.	11	able weather
13	b	1 Sun. in Lent.	5	14		23	for the time
14	c	Valentine	6	14	Leo	5	of the year.
15	d	Faustine	7	14		17	☽ Apogæon.
16	e	Ember week	8	15		29	☌ ☿ ♂.
17	f	Polycron	9	15	Virgo	11	
18	g	Concordia	10	15		23	✱ ☿ ☿.
19	a	Sabine	11	15	Libra	5	✱ ♂ ☿.
20	b	2 sun. in Lent	12	15		18	
21	c	70 Martyrs	13	15	Scorp.	0	Dark misty
22	d	Juliana	14	15		13	weather with
23	e	Serenus fast	15	15		25	rain, but mild
24	f	S. Matthias	16	15	Sagit.	9	for the sea-
25	g	Constance	17	15		22	son.
26	a	Nestor	18	15	Capr.	6	
27	b	3 sun. in Lent	19	15		21	
28	c	Oswald	20	14	Aquar.	5	□ ♂ ♀.

Now watry *Piſces* cools bright *Phœbus* ſide,
And downy Snow the candi'd Earth doth hide:
Encount'ring Winds do even rock the Skies,
Whilſt the poor Swain trembling in's Cottage lies.

February 1687.

	Sun-riſing.		Sun-ſetting.	
1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	45	5	15
18	6	43	5	17
19	6	41	5	19
20	6	40	5	20
21	6	38	5	22
22	6	36	5	24
23	6	34	5	26
24	6	32	5	28
25	6	30	5	30
26	6	28	5	32
27	6	27	5	33
28	6	25	5	35

Commencement for Batchelours in Arts the 10 day.

New moon the 3 day, 4 min. past 4 after noon.
First quarter the 10 day, 50 min. past 8 at night.
Full moon the 19 day, 18 min. past midnight.
Last quarter the 26 day, 48 m. past 10 before noon.

1	D	David Bish.	21	14	Aquar.	20		☽ Perigæon.
2	E	Chad Bish.	22	14	Pisc.	6		
3	F	Lucius	23	14		21		High winds
4	G	Adrian	24	13	Aries	5		but warm.
5	A	Eulsbius	25	13		20		
6	B	Midlent Sund.	26	12	Taur.	4		
7	C	Perpetua	27	12		18		☽ ☊.
8	D	Cyprian	28	12	Gem.	1		
9	E	40 Martyrs	29	11		13		☒ ☿ ♀.
10	F	Sun in Aries	0 ♈	11		26		Wet weather
11	G	Cuthbert	1	10	Canc.	8		but warm
12	A	Gregory	2	9		20		and Spring-
13	B	☽ Sun. in Lent	3	9	Leo	2		like.
14	C	Candide	4	8		14		☌ ☉ ☿.
15	D	Longinus	5	7		25		☽ Apogæon.
16	E	Boniface B.	6	7	Virgo	7		□ ☌ ☿.
17	F	Patrick	7	6		20		☌ ♄ ☿.
18	G	Edward	8	5	Libr.	2		About this
19	A	Joseph	9	4		14		time cold
20	B	Palm Sunday	10	3		27		△ ☿ ♀.
21	C	Benedict	11	2	Scorp.	10		☒ ☉ ☌.
22	D	Paulinus	12	1		22		☽ ☿
23	E	Godfridus	13	0	Sagit.	6		and cloudy.
24	F	Muirine fast	13	59		19		
25	G	Annunciation	14	58	Capr.	3		Windy and
26	A	Castulus	15	57		17		dry toward
27	B	Easter day	16	56	Aquar.	1		the end.
28	C	Dorothy	17	55		15		☽ Perigæon.
29	D	Eustachius	18	54	Pisces	0		
30	E	Guido	19	53		14		
31	F	Balbina	20	52		29		☌ ♀ ☿.

The Sun hath now Earth's rugged chains unbound,
With gaudy coats the rougheſt Meads are crown'd:
From priſon they with growing glory riſe,
That lately fetter'd were with ſtiffned Ice.

March 1687.

	Sun-riſing.		Sun-ſetting.	
1	6	20	5	40
2	6	18	5	42
3	6	15	5	45
4	6	13	5	47
5	6	11	5	49
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	5	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

The latter Act the 10 day.

Cambridge Term ends the 18 day.

April hath xxx days.

New moon the 2 day, 9 min. past 2 in the morn.
First quarter the 9 day, 26 min. past 2 afternoon.
Full moon the 17 day, 19 min. past 2 afternoon.
Last quarter the 24 day, 4 min. past 4 afternoon.

1	F	Conv. S. P.	21	50	Aries	14	
2	a	Mary Egypt	22	48		18	
3	b	Low Sunday	23	47	Taur.	12	☌ ☉ ♅.
4	c	Ambrose	24	45		25	Variable
5	d	Vincent	25	44	Gem.	9	weather
6	e	Sixtus Bish.	26	42		21	but indiffe-
7	f	Egisippus	27	41	Canc.	4	rently good
8	g	Perpetuus	28	39		16	for the sea-
9	a	Albinus	29	38		28	son.
10	b	After Easter	0	36	Leo	10	
11	c	Quind. Pasc.	1	34		22	☽ Apogæon
12	d	Julius	2	33	Virgo	4	
13	e	Term begins	3	31		16	
14	f	Valerian	4	29		28	
15	g	Leonard	5	27	Libra	10	☌ ♂ ♀.
16	a	Judoze	6	25		22	Fine warm
17	b	3 after Easter	7	24	Scorp.	6	showers
18	c	Tres Pasch.	8	22		19	☽ cum ♈
19	d	Timothy	9	20	Sagit.	2	about this
20	e	Sulpitius	10	18		16	time.
21	f	Simeon	11	16	Capr.	0	
22	g	Sother	12	14		13	
23	a	S. GEORGE	13	12		27	Windy and
24	b	4 after Easter	14	10	Aquar.	12	☌ ♄ ♀
25	c	S. Mark	15	7		25	dry with
26	d	Mens. Pasch.	16	5	Pisces	10	thunder.
27	e	Anastasius	17	3		24	
28	f	Vitalis	18	1	Aries	8	
29	g	Peter Mart.	18	59		23	
30	a	Erkenwald	19	57	Taur.	6	♂ ☉ ☿.

Bright *Taurus* now, with golden horn displays
The joyfull Year; life in dead Plants conveighs,
The quickning Spring refreshing showers sheads
Upon the smiling Flowers verdant heads.

April 1687.

Cambridge Term begins the 6 day.

	Sun-rising.		Sun-setting.	
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	45	7	15
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	26
24	4	33	7	27
25	4	32	7	28
26	4	30	7	30
27	4	28	7	32
28	4	26	7	34
29	4	25	7	35
30	4	23	7	37

May hath xxxi days.

New moon the 1 day, 41 min. past noon.
First quarter the 9 day, 56 min. past 7 in the morn.
Full moon the 17 day, 5 min. past 2 in the morning.
Last quarter the 23 day, 13 min. past 8 at night.
New moon the 31 day, 25 min. past midnight.

1	♃	Rogation Sun.	20	54	Taur.	20	Phil. & James	
2	☾	Athanasius	21	52	Gem.	4	Fine clear	
3	♄	*Invent. Crucis*	22	50		17	serene wea-	
4	☿	Ambrose	23	47		29	ther.	
5	☿	Ascension day	24	45	Canc.	12		
6	♃	Joh. port. L.	25	42		24	☌☿. ☌♂.	
7	☉	Joh. of Bev.	26	40	Leo	6		
8	♃	Sun. aft. ascen.	27	38		18		
9	☾	Term ends	28	35	Virgo	☌		
10	♄	Gordian	29	33		11	☽ Apogæon.	
11	☿	Sun in Gem.	0	♊ 30		24	Cold with	
12	☾	Pancrat.	1	28	Libra	6	rain.	
13	♃	Boniface	2	25		18		
14	☉	Isidore fast	3	21	Scorp.	1		
15	♃	White sunday	4	20		14	☽ ☋.	
16	☾	Tr. Bernard	5	17		28	✶ ☉ ♄.	
17	♄	Jodocus	6	15	Sagit.	11		
18	☿	Imber week	7	12		25	☐ ♄ ☿.	
19	☾	Dunstan	8	9	Capr.	10		
20	♃	Helen Q.	9	7		24	Seasonable	
21	☉	Fulgan. Virg.	10	4	Aquar.	8	weather and	
22	♃	Trinity Sunday	11	1		22	windy with	
23	☾	Crast. Trin.	11	58	Pisces	7	black clouds	
24	♄	Esther	12	56		21	and thunder.	
25	☿	Urban	13	53	Aries	5		
26	☾	*Corpus Christi*	14	50		18	✶ ☉ ♂.	
27	♃	Term begins	15	47	Taur.	2		
28	☉	Monica	16	45		16		
29	♃	Bp. Ch. 2. Rec.	17	42		29	☽ cum ♄.	
30	☾	Octab. Trin.	18	39	Gem.	12	☌ ☉ ♆.	
31	♄	Petronil.	19	36		25		

Triumphant Month! who art the gaudy queen
Of all the reſt: now all the Plains are ſeen
Beſpangled o're with *Flora*'s richeſt pride,
Whoſe golden tuffts the pregnant Earth doth hide.

May 1687.

	Sun-riſing.		Sun-ſetting.	
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	46	8	14

First quarter the 8 day, 57 min. past 12 in the morn.
Full moon the 15 day, 31 min. past 10 beforenoon.
Last quarter the 22 day, 53 min. past midnight.
New moon the 29 day, 30 min. past 1 after noon.

1	f	Nicomede	20	33	Canc.	7		
2	g	Marcellus	21	30		20		
3	a	Erasmus	22	28	Leo	2	Hot weather	
4	b	Petroc. Con.	23	25		14	now.	
5	c	2 sun. af. Trin.	24	22		26	☽ Apogæon.	
6	d	Quind. Trin.	25	19	Virg.	8	☌ ☿ ♂.	
7	e	Paul Ep.	26	16		20	△ ♄ ☿.	
8	f	Medard	27	13	Libra	2		
9	g	Pelagia	28	10		14		
10	a	Margaret	29	7		26		
11	b	S. Barnabas	0	♋ 4	Scorp.	9	High winds	
12	c	3 after Trin.	1	1		22	with storms	
13	d	Tres Trin.	1	59	Sagit.	6	of hail.	
14	e	Valerius	2	56		20	♂ ☿ ☿.	
15	f	Term ends	3	53	Capr.	4	△ ♂ ☿.	
16	g	Rowland	4	50		19		
17	a	Botolph	5	47	Aquar.	4	□ ☉ ♄.	
18	b	Gervasius	6	44		18		
19	c	4 after Trin.	7	41	Pisces	3	☽ Perigæon.	
20	d	Tr. S. Edw.	8	38		17	Windy and	
21	e	Alban	9	35	Aries	1	△ ☿ ☿.	
22	f	Ethelred	10	32		15	wet, but not	
23	g	Audrew fast	11	29		29	very hot for	
24	a	S. John Bapt.	12	26	Taur.	12	the season.	
25	b	Tran. Eligii	13	23		25	☌ ☌ ☿.	
26	c	5 sun. af. Trin.	14	20	Gem.	8		
27	d	7 Sleepers	15	17		21		
28	e	Leo Bish. fast	16	14	Canc.	3	♂ ☉ ☿.	
29	f	S. Peter Apo.	17	11		16		
30	g	Com. S. Paul	18	9		28		

Tyndarian Stars being paſt; days burning eye
Makes *Cancer*'s crooked claws in fervour fry:
The Shepherds with their bleating Flocks do go
From the ſcorch'd mountains to cool ſhades below.

June 1687.

	Sun-rising.		Sun-ſetting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	44	8	16
17	3	44	8	16
18	3	44	8	16
19	3	45	8	15
20	3	45	8	15
21	3	45	8	15
22	3	46	8	14
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

First quarter the 7 day, 52 min. past 4 afternoon.
Full moon the 14 day, 25 min. past 6 afternoon.
Last quarter the 21 day, 13 min. past 8 beforenoon.
New moon the 29 day, 5 min. past 4 in the morn.

1	♑	Theobald	19	6	Leo	10		
2	♒	Visit. Mary	20	3		22		
3	♓	6 after Trin.	21	0	Virgo	4	Close sultry	
4	♈	Ulricus	21	57		16	weather at	
5	♉	Anselme	22	54		28	the beginnirg.	
6	♊	Hector	23	51	Libra	10		
7	♋	Demetrius	24	48		22		
8	♌	Philian	25	46	Scorp.	4	✶ ♄ ☿.	
9	♍	Cyrillus	26	43		17	☽ cum ♀.	
10	♓	7 after Trin.	27	40	Sagit.	0		
11	♈	Pius	28	37		14		
12	♉	Henricus	29	34		8	△ ♃ ☿.	
13	♊	Sun in Leo	0	♌ 31	Capr.	1	Very hot	
14	♋	Bonavent.	1	29		27	☍ ♂ ☿.	
15	♌	Swithin	2	26	Aquar.	13	□ ♃ ♀.	
16	♍	Hilarine	3	23		2	☽ Perigæon,	
17	♓	8 after Trin.	4	21	Pisces	13	with thunder.	
18	♈	Rosina	5	18		27		
19	♉	Dog days beg.	6	15	Aries	12		
20	♊	Elias	7	13		26	✶ ☉ ♄.	
21	♋	Daniel	8	10	Taur.	9		
22	♌	Mary Mag.	9	7		22	☽ cum ♑.	
23	♍	Apollinr B.	10	5	Gem.	5		
24	♓	9 after Trin	11	2		18	Windy and	
25	♈	S. James Apo.	12	0	Canc.	0	wet with	
26	♉	Anna	12	57		13	thunder.	
27	♊	Martha	13	54		25	△ ☉ ♃.	
28	♋	Panthaleon	14	52	Leo	7		
29	♌	Beatrix	15	49		19	☍ ☉ ♂.	
30	♍	Abdon	16	47	Virg.	1	☽ Apogæon,	
31	♓	10 after Trin.	17	44		13	▨ ♃ ☿.	

With Cocks of Hay the Fields are ſcatter'd round
And ſhining Nymphs in ſilent Groves are found:
Phœbus doth near that horrid Monſter ride,
Whoſe skin did great *Alcides* body hide.

	Sun-riſing.		Sun-ſetting.	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7.	25
31	4	37	7	23

July 1687.

The 5 day is Commencement Tueſday.

Cambridge Term ends the 8 day.

First quarter the 6 day, 39 min. past 6 in the morn.
Full moon the 13 day, 12 min. past 3 in the morn.
Last quarter the 19 day, 57 min. past 7 at night.
New moon the 27 day, at 8 at night.

1	c	*Lammas day*	18	42	Virgo	25		
2	d	Stephanus	19	40	Libra	6		
3	e	Dominick	20	37		18		
4	f	Aristarchus	21	35	Scorp.	1	✱ ☿ ♂.	
5	g	Oswald	22	33		13	Hasty showers	
6	a	Transf. Christi	23	30		26	and hot.	
7	b	11 after Trin.	24	28	Sagit.	9	☌ ♄ ♀	
8	c	Cyriacus	25	26		22		
9	d	Romanus	26	23	Capr.	6		
10	e	S. Laurence	27	21		21	△ ♂ ♀.	
11	f	Tiburtius	28	19	Aqvar.	6	Good season-	
12	g	Clare Virg.	29	17		21	able weather.	
13	a	Sun in Virgo	☍	14	Pisces	6		
14	b	12 after Trin.	1	13		22	☽ Perigæon.	
15	c	Assumpt. Mary	2	11	Aries	6		
16	d	Roch	3	9		21		
17	e	Hyppolitus	4	7	Taur.	5		
18	f	Helena Emp.	5	5		19	☽ *cum* ☊.	
19	g	Sebaldus	6	3	Gem.	2		
20	a	Bernard	7	1		15	Hot and	
21	b	13 after Trin.	7	59		27	moist with	
22	c	Symphio	8	57	Canc.	10	△ ♄ ♂.	
23	d	Zacheus fast	9	55		22	high winds.	
24	e	S. Bartholom.	10	54	Leo	4		
25	f	Lewis King	11	52		16		
26	g	Irenæus	12	50		28		
27	a	Dog days end	13	48	Virgo	10	☽ Apogæon.	
28	b	14 after Trin.	14	47		22	Black clouds	
29	c	Decol. J. Bapt.	15	45	Libra	3	☒ ☉ ☿.	
30	d	Felix	16	44		15	with thunder.	
31	e	Paulinus	17	42		28		

The sweaty Ploughman reaps the rip'ned Corn
And painted Fruit from burd'ned Trees are torn,
The furious Dog-Star doth his influence roule
Unto the Icy Sea, and frozen Pole.

August 1687.

	Sun-rising.		Sun-setting.	
1	4 38	7		22
2	4 39	7		21
3	4 41	7		19
4	4 43	7		17
5	4 44	7		16
6	4 46	7		14
7	4 48	7		12
8	4 50	7		10
9	4 52	7		8
10	4 54	7		6
11	4 56	7		4
12	4 58	7		2
13	5 0	7		0
14	5 2	6		58
15	5 4	6		56
16	5 6	6		54
17	5 8	6		52
18	5 10	6		50
19	5 12	6		48
20	5 14	6		46
21	5 16	6		44
22	5 18	6		42
23	5 20	6		40
24	5 22	6		38
25	5 24	6		36
26	5 26	6		34
27	5 28	6		32
28	5 30	6		30
29	5 32	6		28
30	5 34	6		26
31	5 36	6		24

September hath xxx days.

First quarter the 4 day, 3 min. past 6 at night.
Full moon the 11 day, 31 min. past 9 beforenoon.
Last quarter the 18 day, 17 min. past 9 beforenoon.
New moon the 26 day, 30 min. past noon.

1	☌	Giles Abbot	18	41	Scorp.	10	☽ ☿.
2	☍	Veronica	19	39		22	
3	☐	Gregory	20	38	Sagit.	5	♂ ☉ ☿.
4	△	15 after Trin.	21	36		18	High winds
5	☌	Bertine	22	35	Capr.	1	and warm.
6	☽	Magnus	23	33		15	
7	☍	Regina	24	32	Aquar.	0	☽ Perigæon.
8	☐	Nativ. of Mary	25	31		14	☒ ♂ ♀.
9	△	Gorgon	26	30		29	□ ☤ ☿.
10	☌	Holofernes	27	28	Pisces	15	
11	☽	16 after Trin.	28	27		29	
12	☍	Tobias	29	26	Aries	15	Tempestuous
13	☽	Sun in Libra	0	25		29	with rain.
14	☐	Holy Cross	1	24	Taur.	14	☽ ☊.
15	△	Nicodemus	2	23		28	
16	☌	Euphemus	3	22	Gem.	10	
17	☍	Lambert	4	21		24	☒ ☤ ☿.
18	☽	17 after Trin.	5	20	Canc.	6	
19	☐	Januarius	6	19		19	Very wet
20	△	Fausta	7	18	Leo	1	weather and
21	☌	S. Matthew	8	18	Emb. week		☽ Apogæon
22	☍	Maurice	9	17		25	△ ♄ ♂.
23	☽	Cyprian	10	16	Virg.	6	♂ ☿ ♀.
24	☐	Rupert	11	15		18	Turbulent
25	△	18 aft. Trin.	12	15	Libra	0	and cold.
26	☌	Cyprian	13	14		12	
27	☍	Judith	14	14		24	
28	☽	Wenceslaus	15	13	Scorp.	7	☾ ☉ ♄.
29	☐	S. Michael	16	13		19	△ ☉ ♂. ☽ ♆.
30	△	Jerome	17	12	Sagit.	2	

The ſtately Forreſts their green coat throw by
And now put on a yellow livery:
The Winged Quire do in ſad dirges moan
The fading Year, Summer ſo quickly gone.

September 1687.

	Sun-riſing.		Sun-ſetting.	
1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	5	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	12	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

Sturbridge Fair begins the 8 day.

October hath xxxi days.

First quarter the 4 day, 11 min. past 2 in the morn.
Full moon the 10 day, 50 min. past 6 at night.
Last quarter the 18 day, 54 min. past 2 in the morn.
New moon the 26 day, at 6 in the morning.

1	a	Remigius	18	11	Sagit.	15	
2		19 after Trin.	19	11		28	
3	c	Candide	20	11	Capr.	12	✶ ☉ ♃.
4	d	Francis	21	11		25	
5	e	Apolinarii	22	10	Aquar.	9	Close wea-
6	f	Faith	23	10		24	ther, and cold.
7	g	Aurelia	24	10	Pisces	8	☌ ♄ ☿.
8	a	Pelagia	25	10		23	
9		20 after Trin.	26	9	Aries	8	△ ♂ ☿.
10	c	Gideon	27	9		23	✶ ♃ ☿.
11	d	Burchard	28	9	Taur.	8	✶ ♃ ♂.
12	e	Wilfride V.	29	9		22	☽ ☊.
13	f	Sun in Scorpio	0 ♏	9	Gem.	6	Variable
14	g	K. Jam. 2. born	1	9		19	weather
15	a	Hedwig.	2	9	Canc.	2	inclining
16		21 after Trin.	3	9		15	to moisture.
17	c	Florent.	4	9		27	
18	d	S. Luke Evan.	5	10	Leo	9	☌ ☉ ☿.
19	e	Ptolemy	6	10		21	
20	f	Tres Mich.	7	10	Virgo	3	
21	g	Ursula	8	10		15	Tempestuous
22	a	Cordula	9	10		27	and cold with
23		22 after Trin.	10	11	Libra	9	showers of
24	c	Term begins	11	11		21	rain or snow.
25	d	Crispine	12	11	Scorp.	3	☽ ☋.
26	e	Amandus	13	12		16	
27	f	Mens. mich. fa.	14	12		29	
28	g	Sim. & Jude	15	13	Sagit.	12	
29	a	Narcissus	16	13		25	□ ♂ ♀.
30		23 after Trin.	17	14	Capr.	8	
31	c	Wolfgang	18	14		22	

Phœbus is near that ghaſtly Monſter drew
Whom *Tellus* bred, and pale *Orion* ſlew.
Rivers ſwoln o're neighbouring Meadows ſpread,
And ratling Leaves from off the Trees are fled.

October 1687.

	Sun-riſing.		Sun-ſetting.	
1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

Cambridge Term begins the 10 day, and then the *Proctours*, *Taxours* and *Scrutatours* are choſen.

Magna Congregatio, or Black Aſſembly the 21 day.

November hath xxx days.

First quarter the 2 day, 23 min. past noon.
Full moon the 9 day, 27 min. past 6 in the morn.
Last quarter the 16 day, 57 min. past 10 at night.
New moon the 24 day, 39 min. past 8 at night.

1	☽	All Saints	19	14	Aquar.	6		
2	♂	All Souls	20	15		2	☌ ☿ ☿.	
3	♃	Craft Anim.	21	15	Pisces	4	Windy	
4	♄	Modestus	22	16		18	with cold	
5	♀	Powder Plot	23	17	Aries	3	rain or snow.	
6	♅	24 after Trin.	24	18		17	☒ ☌ ☿.	
7	☿	Willibald	25	19	Taur.	2	☽ ☊.	
8	☽	Claudius	26	20		16	☌ ☉ ☿.	
9	♂	Theodorus	27	21	Gem.	0		
10	♃	Erastus	28	21		14		
11	♄	Martine	29	22		27		
12	♀	Craft. Mart.	0 ♑	23	Canc.	10	Gloomy	
13	♅	25 after Trin.	1	24		23	weather	
14	☿	Erkenwald	2	25	Leo	5	with frost.	
15	☽	Leopold	3	26		17		
16	♂	Edmond	4	27		29	☽ Apogæon.	
17	♃	Amanus	5	28	Virgo	11	✶ ♄ ☿.	
18	♄	Octab. Mart.	6	29		23		
19	♀	Elizabeth	7	30	Libra	5		
20	♅	26 after Trin.	8	31		17		
21	☿	Oblat. Mary	9	32		29		
22	☽	Cæcily Virg.	10	33	Scorp.	11	Very good	
23	♂	Clement	11	34		24	moderate	
24	♃	Chrysogon.	12	35	Sagit.	7	weather.	
25	♄	Quind. Mart.	13	36		21		
26	♀	Conrade	14	37	Capr.	5		
27	♅	Advent Sund.	15	38		19		
28	☿	Term ends	16	40	Aquar.	3	△ ☌ ☿.	
29	☽	Saturnine f.	17	41		17		
30	♂	S. Andrew	18	42	Pisces	1		

The evening of the Year is come; a damp
And dusky air obſcures heaven's burning Lamp;
Night doth on day encroach; the fruitfull Sheaf
The ratling Flails doth of it's Grain bereave.

November 1687.

The Vice-chancellour lays down his Office the 3 day.

	Sun-rising.		Sun-setting.	
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	1
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	12	3	48
29	8	13	3	47
30	8	14	3	46

First quarter the 2 day, at noon.
Full moon the 8 day, 32 min. past 8 at night.
Last quarter the 16 day, 6 min. past 8 at night.
New moon the 24 day, 31 min. past 10 at night.

1	f	Longinus	19	43	Pisces	15	☽ Perigæon.
2	g	Libane	20	44		29	☒ ☉ ♂.
3	a	Castian	21	46	Aries	13	✶ ☉ ♄.
4	b	2 sun. in Adv.	22	47		27	
5	c	Sabine	23	48	Taur.	11	Mild weather
6	d	Nicholas	24	49		25	for the season
7	e	Agathon	25	50	Gem.	8	
8	f	Concep. Mary	26	52		22	
9	g	Joachim	27	53	Canc.	5	
10	a	Miltiades	28	54		18	
11	b	3 sun. in Adv.	29	56	Leo	☌	
12	c	Valerius	☉ ♑	57		13	High winds
13	d	Lucia Virg.	1	58		25	with some
14	e		2	59	Virgo	7	frost, but
15	f	Abraham	4	1		19	☽ Apogæon.
16	g	O Sapientia	5	2	Libra	1	♂ ☉ ♑.
17	a	Lazarus	6	3		13	mild for the
18	b	4 sun. in Adv.	7	5		25	season to the
19	c	Nemesius	8	6	Scorp.	7	♂ ☉ ☿.
20	d	Amon fast	9	7		19	end of the
21	e	S. Thomas	10	8	Sagit.	2	year.
22	f	Ischirion	11	10		16	
23	g	Vigil Virg.	12	11		29	☒ ♂ ☿.
24	a	Ad. & Ev. fast	13	12	Capr.	13	
25	b	Nat. Christi	14	14		28	
26	c	S. Stephen	15	15	Aquar.	12	
27	d	S. John Evan.	16	16		27	
28	e	H. Innocents	17	17	Pisces	12	
29	f	Trefeeng	18	19		26	☽ Perigæon.
30	g	David	19	20	Aries	10	☒ ♑ ♂.
31	a	Sylvester	20	21		24	

The wrinkled brow the furrowed face appeir,
And hoary head of the departing Year:
The People shed no tears nor mournfull cryes,
But with glad Feasts conclude it's obsequies.

December 1687.

	Sun-rising.		Sun-setting.	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

Cambridge Term ends the 16 day.

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin *Jan.* 1.) wherein every K. and Q. of *Eng.* since the Conq. began their reign.				The number of Years, Months, & Days, that every K. & Q. reign. 28 da. to a moon.					The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14		20 y	11 m	22 d			621		
W. Rufus	1087	Sept. 9		12 y	11 m	18 d			600	W. Conq.	
Henry	1	1100	August 1	35 y	4 m	11 d			567	W. Rufus	
Stephen		1135	Decem. 2	18 y	11 m	18 d			552	Henry	1
Henry	2	1154	Octob. 25	34 y	9 m	2 d			533	Stephen	
Richard	1	1189	July 6	9 y	9 m	0 d			498	Henry	2
John		1199	April 6	17 y	7 m	0 d			488	Richard	1
Henry	3	1216	Octob. 19	56 y	1 m	0 d			471	John	
Edward	1	1272	Nov. 16	34 y	8 m	6 d			415	Henry	3
Edward	2	1307	July 7	19 y	7 m	5 d			380	Edward	1
Edward	3	1327	Jan. 25	50 y	5 m	7 d			360	Edward	2
Richard	2	1377	June 21	22 y	3 m	14 d			310	Edward	3
Henry	4	1399	Sept. 29	13 y	6 m	3 d			288	Richard	2
Henry	5	1413	Mars. 20	9 y	5 m	24 d			274	Henry	4
Henry	6	1422	Aug. 31	38 y	5 m	16 d			265	Henry	5
Edward	4	1461	Maron 4	22 y	1 m	8 d			226	Henry	6
Edward	5	1483	April 9	0 y	2 m	18 d			204	Edward	4
Richard	3	1483	June 22	2 y	2 m	5 d			204	Edward	5
Henry	7	1485	Aug. 22	23 y	10 m	24 d			202	Richard	3
Henry	8	1509	April 22	37 y	10 m	2 d			178	Henry	7
Edward	6	1547	Jan. 28	6 y	5 m	19 d			140	Henry	8
Q. Mary		1553	July 6	5 y	4 m	22 d			134	Edward	6
Q. Elizab.		1558	Nov. 17	44 y	4 m	15 d			29	Q. Mary	
James	1	1603	Mar. 24	22 y	0 m	3 d			84	Q. Elizab.	
Charles	1	1625	Mar. 27	22 y	10 m	3 d			62	K. James	1
Charles	2	1649	Jan. 30	36 y	0 m	7 d			8	K. Charles	1
James	2	1685	Febr. 6	Long live the King					2	K. Charles	2

The use of the Table in Example.

King *Henry* 8 began his Reign in the year of *Christ* 1509, *April* 22. He Reigned 37 years, 10 months and 2 days. It is since he began his Reign 178 years compleat the 22 of *April* this year 1687. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 140 years since he died, *Jan.* 28. And so of the rest.

Dove

Dove 1687.

The latter part of this ALMANACK

For the year of our Lord God 1687:

Being the 3d after Biſſextile or Leap-year.

Wherein are contained the Eclipſes, the Suns entrance into the four Cardinal Signs, A Tide-Table, A Table of Weights, and Meaſures both *Engliſh* and Forreign, and of Forreign Coins, alſo Tables of Reverſion for Renewing and Purchaſing of the Leaſes of Cathedral Churches and Colleges with ſeveral other Tables, and uſefull Things.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo quod memores ejus? aut filius hominis, quoniam viſitas eum. Pſal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1687.

Of the Eclipſes this Year.

IN this year, there will be but two Eclipſes, and both of the Sun, the one of them happens before the Sun's Apogæon, and the other after it, and both of them almoſt Central: according ſome Tables the Full moon on *May* the 17, at 2 in the morning, may be eclipſed, but the truth of it time will prove.

The firſt Eclipſe will be on the 1 day of *May*, at 1 after noon, it happens in 21 degrees of *Taurus*, among the *Pleiades*, it will in it ſelf be a great Eclipſe, but it will not appear ſo great to us although viſible.

The ſecond Eclipſe will be on the 26th day of *October*, at about 6 of the Clock in the morning: it happens in 13 degrees of *Scorpio*, near the Stars of the *Ballance*: it will be a great Eclipſe alſo, but not viſible to us, it being almoſt over before the Sun riſes to us in *England*.

The Suns entrance into the four Cardinal Signs this Year.

HE enters ♈, *March* the 10th day, 32 min. paſt 7 beforenoon, and then begins our Spring Quarter.

He enters ♋, *June* the 11th day, 19 minutes paſt 10 in the morning, and then begins our Summer Quarter.

He enters ♎, *September* the 13th day, 50 minutes paſt 1 in the morning, and then begins Autumn.

He enters ♑, *December* the 11th day, 57 min. paſt 1 afternoon, and then begins our Winter Quarter.

A Table ſhewing the time of the Moons coming to the South, and quantity of her ſhining for the ready finding the hour of the night.

The Moons age.	Moons ſouthing and ſhin.	Moons age for her ſett.
1 16	0 48	1 29
2 17	1 36	2 28
3 18	2 24	3 27
4 19	3 12	4 26
5 20	4 0	5 25
6 21	5 48	6 24
7 22	5 36	7 23
8 23	6 24	8 22
9 24	7 12	9 21
10 25	8 0	10 20
11 26	8 48	11 19
12 27	9 36	12 18
13 28	10 24	13 17
14 29	11 12	14 16
15 30	12 0	15

The firſt Column of this Table ſhews at what age the Moon riſes after Sun ſetting, or after his riſing, ſo many hours and minutes as the middle Column ſhews, as at 2 days old ſhe riſes 1 hour and 36 minutes after the Sun, and at 17 days old ſhe riſes 1 hour and 36 min. after Sun-ſetting, &c. the third Column is for the Moons ſetting, as at 2 days old ſhe ſets 1 hour and 36 min. after the Sun, but at 28 days old ſhe ſets 1 hour and 36 min. before the Sun, &c. the middle Column ſhews how many hours and minutes the Moon ſhines, which from New Moon, to Full Moon is to be uſed with the third Column, ſo for her ſouthing, as at 6 days old ſhe is upon the Meridian 48 m. paſt 5 at night, but at 24 days old ſhe ſouths 48 min. paſt 5 in the morning.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits; Kentish-knock.	Ho.	M
S. by W.	Rochester, Malden, Aberdeen, Redband.	0	45
S S. W.	Gravesen. Downs, Rumney, Tennet, Silly.	1	30
S W. by S.	Dundee, S. Andr. S. Lucas, Bell Isle, Holy Isl.	2	15
S. W.	Lond. Tinmout Hartpool, Whitebay, Amf.	3	0
S.W by W.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. W.	Scarborough. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and W	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Bristol Foulnes at the Start.	6	45
E S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
SE. by E	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
S. E.	Pool, S. Hellen Orkney, Caines, Man-Isle,	9	0
SE. by S.	Needles, Laisto, North & South forelands	9	45
S. S. E	Yarmout, Dover, Harwich, Calice-Road	10	30
S. by E.	Ry, Winchelsey, Gorce, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	2	30	
☽ South at	12 48	1 36	2 24	3 12	4 0	4 48	5 36	6 24	7 12.	8 0	8 48	9 36	10 24	11 12	12 0	H. M.

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The

The 18 of *February*, this year 1687. I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the same 12 hours, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at *London*, I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 12 for midnight and there remains 3 hours in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

A Table shewing the time of Day-break, and Twilight for every 10th day throughout the Year.

Month.	Day-break		Twilight.		Month.	Day-br		Twilight.	
	h.	m.	h.	m.		h.	m	h	m.
Jan.	1 5	54	6	6	*July*	1			
	11 5	45	6	18		11 0	42	11	18
	21 5	35	6	25		21 1	22	10	38
Feb.	1 5	17	6	43	*Aug.*	1 2	0	10	0
	11 5	0	7	0		11 2	21	9	39
	21 4	45	7	15		21 3	0	9	0
Mar.	1 4	20	7	40	*Sept.*	1 3	30	8	30
	11 3	59	8	1		11 3	59	8	1
	21 3	34	8	22		21 4	19	7	41
Apr.	1 3	55	8	55	*Octob.*	1 4	48	7	12
	11 2	38	9	22		11 5	10	7	0
	21 2	2	9	58		21 5	8	6	42
May	1 1	3	10	30	*Nov.*	1 5	37	6	27
	11 0	30	11	30		11 5	45	6	17
	21	All Day	No Night			21 5	54	6	6
June	1	&	but		*Dec.*	1 5	57	6	3
	11	no Night.	all Day.			11 6	0	6	0
	21					21 5	8	6	2

Of the particular Intensions or Remissions of Heat and Cold which happen by the position of the Planets.

THE first consideration that offereth it self, is the place and position of the Planets, who moving under the Zodiack, do for the same Reasons, receive the same increase and abatement of force in their operations, which the Sun doth, in his various position and distance from us, for seeing the power of *Saturn* consisteth chiefly in cold and congealed Meteors, it followeth for an infallible maxim, that we are then pinched with the sharpest and longest Winters, when *Saturn* having surmounted the Æquinoctial, shineth in the Septentrional Signs nearest over our heads, by means whereof, as the Sun's force begins to grow weak, during his scituation in those Signs, his Cold influence shall prevail still more and more, as well because of his slow motion and long continuance in one place, as also by reason of the more direct projection of his Beams, and great described Ark above the Horizon; in all which Respects his impression must then be most, and the rather because he then becometh nearest to the Earth, and all light the nearer it is, the more strongly it doth illuminate the Object, and consequently work upon it, as experience testifies, for it hath been observed that when *Saturn* hath been in ♊ or other the most Northern Signs, the Effects of his cold influence were so lasting and hurtfull, as cannot be so easily forgotten: on the contrary, when he's found to be in ♐ or other the most Southern Signs, the Winter is observed to pass away without considerable Cold, because in the Northern Signs he's nearest, and in the Southern furthest from our Earth, and so consequently strongest or weakest in operation. Judge the like of the other Planets.

Next the scituation and place of the Planets, that intension and remission of Heat and Cold which happeneth

penneth by the motion of the Planets, is to be considered. Not that the diversity of motions altereth the the Nature of the Planets, which is ever the same, but because in regard hereof they work not after one manner in every place, nor yet alike in the same place at the same position, but diversly in all places, as the force of their operation is increased or diminished through this diversity of their particular motions, and then diversly applyed by the diurnal Revolution of the Heavens unto the matter of sublunary things. For as is evident to those that are acquainted with the Theoricks, the Centre of their Orbs differing from the Center of the World, causeth them in respect of us to move irregularly, as sometimes Direct, or according to the succession of the Signs; sometimes Retrograde, or against their order: their motion also for the same reason being sometimes swift sometimes slow, and sometimes nothing at all but Stationary. Which great diversity must of necessity cause variety in manner of their operation, for as the motion of a Planet that is Direct, doth greatly avail to his long stay and continuance above the Horizon, in that it comprehendeth more than one intire period of the Æquinoctial in his Diurnal Revolution: so that Planet which is Retrograde seemeth not onely to forsake his own natural course, but also he is esteemed purposely to refuse that opportunity of strengthning his operation by long continuance above the Horizon, which by holding on a Direct course he doth obtain, yet notwithstanding, it is to be observed that a Retrograde Planet, doth by means of this Passion, pass, return, and repass, the same small Ark of the Zodiack thrice in few days, whereby the former loss which he sufferreth through the interruption of his diurnal Ark, is as it were treble recompensed by this threefold reiteration of the same course.

The next is intension and remission by Configurations or Aspects of the Stars, which cause savoreth nothing of Matter, but hath onely consideration of form, not

ſo much reſpecting the ſtreight Beams of Light which flow from every Star, as valuing and eſteeming how their Beams meet at the Earth between us and their Light; but when they are hidden under the Earth or Horizon, and ſeem above the ſame, it maketh the Efficacy of the Stars more notable over all the World than at other times. Which kind of operation, if the Stars be ſwift in motion, is in a manner but momentary; for that the Geometrical Angle being changed into another improportionable and improper, immediately or not long after, this efficacy alſo ceaſeth, though the light of the Star at that time chance to increaſe: for which cauſe the Aſpects of the Moon with other Planets are not ſo much to be regarded in the alteration of the weather, as the Configurations of the Planets amongſt themſelves, or with the fixed Stars, whoſe motion being ſlow in reſpect of the Moons, doth not ſo ſuddenly vary the angle of their Configuration at the Earth. From hence it is that thoſe Arks or Portions of the Heaven allotted unto the Aſpects are not ſo much eſteemed in Aſtrological Judgements. For although, in all ſituations the Stars ſend forth their Beams unto all the parts of Heaven and Earth which they behold, by means whereof the Beams and Lines of true motion in every two Stars do retain a mutual reſpect one to another, and ſo do evermore intercept ſome Ark of Heaven, and concur at ſome Angle of the Earth, which may ſeem to make an Aſpect among themſelves: yet nevertheleſs are there but 5 Aſpects more eſpecially regarded, as ☌, ✶, □, △, and ☍, which proportionable diſtances, may as powerfully affect the matter of ſublunary things, as the like Geometrical ſymmetry in ſound doth our ears.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	make	1 Peny w.
20 Peny weig.	make	1 Ounce.
12 Ounces	make	1 pou. *Troy*

Apothecaries Weight.

20 Grains	make	1 Scruple.
3 Scruples	make	1 Dram.
8 Drams	make	1 Ounce.
12 Ounces	make	1 Pound.

Of *Auerdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the name of Garbel in this kind of weight

16 Drams	make	an Ounce.
16 Ounces	make	a Pound.

28 Pound	make	1 Quarter.
4 Quarters	make	1 H or 112
20 Hundreds	make	1 Tun.

Of Liquid Measure.

2 Pints	make	1 Quart.
2 Quarts	make	1 Pottle.
2 Pottles	make	1 Gallon
8 Gallons	make	1 Firkin of Ale, Sope, Herrings.
9 Gallons	make	1 Firkin of Beer.
10 Gall. ½	make	1 Firkin of Salmon or Eels.
2 Firkins	make	1 Kilderkin
2 Kilderkins	make	1 Barrel.
42 Gallons	make	1 Tierce of Wine.
63 Gallons	make	1 Hogshead
2 Hogsheads	make	1 pipe, Butt.

Dry Measure.

2 Gallons	make	1 Peck.
4 Pecks	make	1 Bushel land measure.
5 Pecks	make	1 Bushel wat. measure.
8 Bushels	make	1 Quarter.
4 Quarters	make	1 Chalder.
5 Quarters	make	1 Wey.

Long Measure.

3 Barly Corns	make	1 Inch.
12 Inches	make	1 foot.
3 feet	make	1 Yard.
3 feet 9 Inch.	make	1 Ell.
6 feet	make	1 fathom.
5 yards and ½	make	1 Pole.
40 Poles	make	1 furlong.
8 furlongs	make	1 *Eng.* mile

Land Measure.

1 pole in breadth and 40 in length make a Rood of Land.

4 Roods make an Acre, which contains 160 square pole.

Cloath Measure.

4 Nails	make	1 Quarter.
4 Quarters	make	1 Yard.
5 Quarters	make	1 Ell.
3 Quarters	make	1 Ell *Flemish*

The value of Forreign Coins in English *money.*

	lb.	sh.	d.
Hebrew Talent in Gold	4500	0	0
Hebrew Talent in Silver	375	0	0
Alexandrian Talent	375	0	0
Ægyptian Talent	250	0	0
Babylonian Talent	218	15	0
Attick Talent	187	10	0
Sestertium of *Rome*	7	16	3
A Shekel	0	2	6
Argenteus	0	2	6
A Drachma	0	0	7½
A Rubble	0	13	4
A Sultany	0	7	6
A Ducat	0	6	8
A *French* Crown	0	6	6
A Xeriffe	0	6	0
A Rix Doller	0	4	8
A Floren	0	3	0
A Frank	0	2	0
A Livre at *Paris*	0	1	6
A Gilden	0	2	0
A *Spanish* Real	0	0	6
A Sous	0	0	1
A *Turkish* Asper	0	0	1
A Maravidis	0	0	0

Weights & Measures mentioned in Scripture.

A Shekel in weight ¼ of an Ounce.
Shekel of the Sanctuary ½ an ounce.
A Talent 62 pounds.
A Pound 12 ounces.
A Mules burthen 200 weight.
A Log half a pint.
A Hin 3 quarts.
A Bath 9 Gallons 3 quarts.
A Pot or Sextry, a pint and an half.
A Measure or Chenix, a quart.
A Firkin 4 Gallons and an half.
A Kab, a quart.
An Omer 3 pints & an half.
A Measure or Seah a gallon & an half.
An Epha, half a Bushel and Pottle.
Half Homer or Lethec, 7 bush. & quart.

5 Stivers are equal to 6 pence Sterling, 6 Stivers are 1 Flemish Shilling, 20 Stivers or Solds Turnois make 1 Gilder, and 120 Stivers make a Livre or pound Flemish which is reckoned equal to 12 shillings Sterling. The Ducatoons are equal to 10 Dutch shillings or 60 Stivers, Pataloons are equal to 48 Stivers or 8 Dutch Shillings, 8 Doits make a Stiver. The weight called a Quintal is 104 pound, in some places 108.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month			3 months			6 months			9 months			A Year.		
		sh.	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*
Shil.	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	4	0	5	1	0	8	2	0	10	2
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		po.	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*p.*	*sh.*	*p.*
Tens of Pounds.	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the first Column, and in the other you have the Interest due for one, three, six, nine, or twelve months.

Tables of Reverſion for Renewing a 20 years Leaſe, according to any number of years within that time Lapſed, at 12lb 6, at 6lb, and at 10lb *per cent.*

1 years value for 7 y. lapſed is at 12lb p. c.	12lb 6 p. c. Years	Quarters	Months	Weeks	6lb *per cent.* Years	Quarters	Months	Weeks	at 10lb p. c. Years	Quarters	Months	Weeks
1	0	0	1	0	0	1	0	3	0	0	1	3
2	0	0	2	2	0	2	1	3	0	1	0	3
3	0	1	1	0	0	3	2	3	0	2	0	0
4	0	1	2	3	1	1	1	2	0	2	2	1
5	0	2	1	2	1	3	0	0	0	3	1	1
6	0	3	0	2	2	0	2	0	1	0	1	3
7	1	0	0	0	2	2	1	2	1	1	2	0
8	1	0	2	3	3	0	1	0	1	2	2	2
9	1	1	2	3	3	2	1	0	2	0	0	1
10	1	3	0	0	4	0	1	1	2	1	1	2
11	2	0	1	0	4	2	2	0	2	3	0	0
12	2	1	2	0	5	1	0	1	3	0	2	0
13	2	3	0	2	5	3	1	3	3	2	1	3
14	3	1	0	0	6	2	0	3	4	0	2	0
15	3	3	0	0	7	1	0	0	4	2	2	3
16	4	1	0	3	8	0	0	0	5	1	1	1
17	4	3	2	0	8	3	0	2	6	0	0	1
18	5	2	1	3	9	2	1	2	6	3	0	1
19	6	1	2	0	10	2	0	1	7	2	1	1
20	7	1	0	3	11	1	2	3	8	2	0	0

The Fine for Renewing.

The uſe of theſe Tables is thus, ſuppoſe in a Leaſe of 2[illegible] years, you would renew 7 years Lapſed, and you are required to give but one years value (as is uſually required) to renew the ſame, if you would know what rate of intereſt you have; then the Table tells you that you have 12 lb. 6 ſh. *per cent.* profit; but if you give 2 years [illegible] quar[illegible]

Tables of Reverſion for Renewing a 10 years Leaſe according to any number of years within that term Lapſed at 17lb 5 ſh. at 6 lb. and at 10 lb. *per cent.*

The time for Renewing.	17lb 6s. *p. c.*				6 lb *per cen.*				10lb *per c*			
Y Lapſed	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks
1	0	0	2	1	0	2	0	3	0	1	1	2
2	0	1	2	0	1	0	1	3	0	3	0	3
3	0	2	2	0	1	3	1	1	1	1	0	1
4	1	0	2	0	2	1	2	1	1	3	0	2
5	1	1	1	2	3	1	0	3	2	1	1	1
6	1	3	0	3	3	3	1	3	2	3	2	3
7	2	1	1	0	4	3	2	1	3	2	2	0
8	2	3	2	1	5	2	0	2	4	1	2	0
9	3	2	2	0	6	2	1	0	5	0	2	3
10	4	2	0	1	7	1	1	1	6	0	1	3

quarters, 1 month, and 1 week's value to renew the ſame you have but 6 lb. *per cent.* profit, or if you give 1 year, 1 quarter, and 2 months value, you have but 10 lb. *per cent.* profit, and ſo proportionably if you have more or fewer years to renew; ſo that a Leaſe of 20 years at 12 lb. 6 ſh. *per cent.* is worth but 7 years, 1 quarter, and 3 weeks purchaſe; but at 6 lb. *per cent.* it is worth 11 years 1 quarter, 2 months, and 3 weeks purchaſe; and at 10 lb. *per cent.* it is worth 8 years, and 2 quarters purchaſe, that is at 20 lb. *per annum* 170 lb. &c.

In a 10 years Leaſe they uſually give 1 years value to renew 4 years Lapſed, and then the Tenant hath 17 lb. 5 ſh. *per cent.* profit for his money, as the Table ſhews, and if he gives 2 years, 1 quarter, 2 months, and 1 weeks purchaſe to renew the ſame he hath but 6 lb. *per cent.* profit, &c. ſo that a Leaſe of 10 years at 17 lb. 5 ſh. *per cent.* is worth but 4 y. 2 q. & 1 m. purchaſe, but at 6 lb. *per*

cent.

What 1 lb. Annuity to continue any number of years under 21 is worth in ready money.		
lb.	sh.	d.
0	18	1
1	16	8
2	13	5
3	9	3
4	4	3
4	18	4
5	11	7
6	4	2
1	16	0
7	7	2
7	17	8
8	7	8
8	17	0
9	5	10
9	14	3
10	2	1
10	9	6
11	16	6
11	3	2
11	9	4
11	15	3
12	0	10
12	6	0
12	11	0
12	15	8
13	0	0
13	4	2
13	8	1
13	11	9
13	15	3

The Reversion of 1 lb. for any number of years under 31 at 6 lb. *per cent.*		
Y	sh.	d.
1	18	10
2	17	9
3	16	9
4	15	10
5	14	11
6	14	1
7	13	4
8	12	6
9	11	10
10	11	2
11	10	7
12	10	11
13	9	5
14	8	1
15	8	7
16	7	1
17	7	6
18	7	0
19	6	7
20	6	3
21	5	1
22	5	7
23	5	3
24	4	11
25	4	8
26	4	5
27	4	2
28	3	1
29	3	9
30	3	6

A Table for renewing a 21 years Lease.

Years past	Years	Quarters	Q. or Q.
1	0	0	1
2	0	0	3
3	0	1	1
4	0	1	3
5	0	2	2
6	0	3	0
7	1	0	0
8	1	0	3
9	1	1	3
10	1	2	3
11	2	0	0
12	2	1	1
13	2	2	3
14	3	0	2
15	3	2	1
16	4	0	2
17	4	2	3
18	5	1	1
19	6	0	1
20	6	3	2
21	7	3	0

cent. it is worth abo
7 years purchase, and
10 lb. *per cent.* it is wo
above 6 years value.

The Table for Renew
ing a 21 y. Lease is ma
upon the grounds of g
ving 1 y. value to ren
7 years lapsed, which
observed by Bisho
Deans, and Chapte
Heads & Fellows of m
Colleges in letting th
eates, and in so doi
they allow their Tena
above 11 lb *per cent.* pr
fit for their money;
if 14 y. be lapsed th
the Table shews that
years, & 2 quarters of
quarters value is to
given to renew the lea
at the same rate of in
cerest, and so for mor
or fewer years lapsed.

The use of the Table o
Reversion of 1 lb. is thu
Suppose an Estate
mortgaged for 20 ye
whose real value or fe
simple is 100 lb. then what is the
Reversion thereof worth after 20
years, for answer I look against 20
y. and find that the Reversion of
1 lb. is but 7 sh. then I say if 1 lb. give
7 sh. what will 100 lb. give? An-
swer, 35 lb. which is the worth of
the Reversion requi ed at 6 *per cent.*

A

A Table ſhewing how many Biſhopricks are in both Provinces of *England* and *Wales*, what Counties in every Biſhoprick: How many Cities, Market-Towns, and Pariſhes are in every County, and how many Knights and Burgeſſes are choſen to ſerve in Parliament in every County.

Biſhopricks.	Counties.	Cit.	M. T.	Par.	K. B.
Arch-Biſhopr. *Canterbury*	*Kent*	2	29	408	10
Rocheſter					
London	*Middleſex*,	2	4	154	8
	Eſſex,	0	21	415	8
	Hertford, part.	0	18	120	6
Lincoln	*Lincoln*	1	34	630	12
	Leiceſter	0	12	192	4
	Huntington	0	6	79	4
	Bedford	0	10	116	4
	Buckingham	0	15	185	14
Winchester	*Hantſhire*	1	16	253	26
	Iſle of *Wight*	0	0		
	Garnſey & *Jerſey*	0	0		
	Surrey	0	7	140	14
Ely	*Cambridge*	1	9	163	6
	Iſle of *Ely*				
Salisbury	*Wilts*	1	22	304	34
	Berks	0	12	140	9
Chicheſter	*Suſſex*	1	16	312	20
Exeter	*Devon*	1	32	394	26
	Cornwall	0	21	161	44
Bath and *Wells*	*Somerſet*	3	30	385	18
Norwich	*Norfolk*	1	25	668	12
	Suffolk	0	28	464	16
Worceſter	*Worceſter*	1	11	152	9
	Warwick-ſh. part	1	15	158	6
Coventry and *Litchfield*	*Stafford*	1	18	130	10
	Darby	0	9	106	4
	Salop part.	0	14	170	12

Hereford	Hereford	1	8	176	8
Oxford	Oxford	1	13	230	9
Glocester	Glocester	1	25	280	8
Peterborough	Northampton	1	13	326	9
	Rutland	0	2	48	2
Briſtol	Dorſet-ſhire	3	19	248	20
S. Davids	Pembrook	0	8	145	3
	Caermarthen	0	8	87	2
	Cardigan	0	4	64	2
	Brecknack	0	4	61	2
	Radnor	0	3	52	2
Landaffe	Glamorgan part.	0	8	118	2
	Monmouth	0	7	127	3
S. Aſaph	Monigom.	0	6	47	2
	Denbigh	0	4	57	2
	Flint & Merioneth part.	0	2	28	2
		0	3	37	1
Bangor	Carnarvan	0	6	68	2
	Angleſey	0	3	74	2

The Province of York.

York Arch-Biſ.	Nottingham	0	9	168	6
	York part.	1	48	563	29
Cheſter	Cheſter	1	13	68	4
	Lancaſter	0	26	61	14
	Flint part.	0			
	Denbigh part.	0			
Carliſle	Cumberland part.	1	15	58	
	Weſtmorland	0	8	26	
Durham	Durham	1	6	118	
	Northumberl.	0	6	46	

FINIS.